

REMARKS

This Amendment is in response to the Office Action mailed August 17, 2010. A Petition for a three month extension of time has been submitted herewith. By this response, claims 37 and 46 have been amended. Claim 47 has been cancelled. Previously, claims 1-36 and 38 were cancelled. Therefore, claims 37, 39-46 and 48 are pending.

The Office Action rejected claims 37 and 39-48 under 35 U.S.C. 102(b) as anticipated by U.S. Patent No. 5,002,666 to Matsumoto. This rejection is respectfully traversed. The Office Action has explained that claim 37 recited limitations regarding a manipulative step to bring about a specific product, and the patentability of a product does not depend on its method of production. Applicants have amended claim 37 to clarify the claim and more specifically recite the structure. It is believed that these claim amendments should clarify the structure that is being recited. The claimed structure is different from what is disclosed or suggested in Matsumoto '666.

For example, claim 37, as amended, clarifies that the plurality of flutes comprises a center indented fold pattern that seals the plurality of flutes to the passage of unfiltered air. The center indented fold pattern comprises an indent in each flute to be closed at or near an apex of each flute that forms an indented flute portion and a pair of ridges. The pair of ridges comprises a first ridge and a second ridge, and at least one of the first ridge or second ridge comprises a fold in a direction toward the facing sheet. The center indented fold pattern comprises the flat first layer resulting from the indented flute portion secured to the facing sheet and the second flat layer pressed against the flat first layer. The second flat layer comprises the at least one of the first ridge or the second ridge folded against the flat first layer.

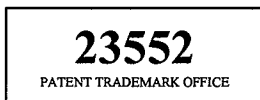
Matsumoto '666 does not disclose or suggest such structure. For example, the Examiner has pointed to the embodiment of Figs. 35A and 35B in Matsumoto. From a review of these figures, it is clear that Matsumoto does not include a center indented fold pattern. Matsumoto does not have an indent in each flute to be closed at or near the apex of each flute that forms the indented flute portion and a pair of ridges comprising a first ridge and a second ridge. Rather, in Matsumoto, the tubes shown at 15 in Matsumoto are just pushed down. There is no indent. As such, Matsumoto does not disclose a center indented fold pattern comprising the indent in each

flute to be closed. Matsumoto does not disclose a flat first layer resulting from the indented flute portion secured to the facing sheet and a second layer pressed against the flat first layer, in which the second layer comprises the at least one of the first ridge or the second ridge folded against the flat first layer.

Therefore, Matsumoto '666 does not anticipate claim 37. As claims 39-46 and 48 depend upon claim 37, Matsumoto does not anticipate these claims either.

For at least the above reasons, it is respectfully submitted that the claims are allowable over the prior art of record. A Notice of Allowance is respectfully requested.

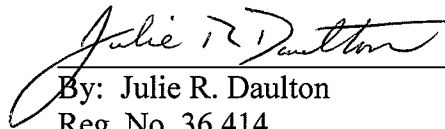
If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.



Date: February 16, 2011

Respectfully submitted,

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